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IB - 858/64
11 June 1964
Copy # 1

MEMORANDUM FOR: Chief, Resources Division, ORR
ATTENTION : []
THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS
FROM : Chief, CIA/PID (NPIC)
SUBJECT : Volgograd Aluminum Plant
REFERENCES : (1) ORR Requirement No. C-RR4-81,188
(2) CIA/PID Project No. C 523-64

1. This memorandum is in response to the referenced requirement which asks for a description of the facilities relating to aluminum or alumina production at Volgograd.

2. [] provided excellent quality photographic coverage of the subject plant (see CIA/PID/IB-P-892/64). The latest coverage, [] provides relatively poor quality coverage; however, it could be determined that the number of pot rooms is the same as the enclosed graphic.

The Volgograd Aluminum Plant consists of four pot rooms which are in operation (two 1780 by 90 feet and two 1790 by 95 feet) and two new pot rooms which are not in operation (each 1985 by 95 feet). From the size and position of the new rectifier building and transformer yard plus the large area still under construction it appears that two additional pot rooms 1985 by 95 feet will be constructed. As yet the two new pot rooms are not served by fluorine recovery units and associated stacks. The new alumina receiving building is not complete and only one associated silo has been partially finished. Although alumina silos have been completed, between the two new pot rooms, there is no means of supplying them with alumina. The long narrow building, located between the older and newer pot rooms is a probable casting building. Overhead bus-bars connect the aforementioned building with the rectifier building which is unusual; however, electric furnaces of some type may be utilized in remelting and casting.

All of the associated buildings have not been identified; however, the legend to the graphic provides partial identifications.

Reviewed by NGA.

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3. The photo analyst assigned to this requirement was [redacted] who may be contacted on extension [redacted] should any questions arise concerning this project. This memorandum and enclosed graphic completes this requirement.

Enclosure:

- 1 - Annotated Photographic Enlargement
(CIA/PID/IB-P-892/64)

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LEGEND

1. Transformer Yard
2. New Transformer Yard
3. Rectifier Building
4. New Rectifier Building
5. Pot Rooms
6. Casting Building
7. Probable Casting Building
8. New Pot Rooms
9. Area Under Construction
10. Construction Material and Equipment
11. Fluorine Recovery Units
12. Alumina Silos
13. Administration Buildings
14. Motor Pool
15. Alumina Unloading and Silos
16. Miscellaneous Building
(Including Probable Paste Plant)
17. Boiler House
18. Cooling Tower
19. Probable Warehouse
20. Unidentified Section
21. Alumina Silo
22. Alumina Unloading Building U/c
23. Two Unidentified Buildings

25X1
VOLGOGRAD ALUMINUM PLANT
48 50N - 44 36E

CIA/PID/IB-P-892/64

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